Get the Dirt Out! (Lesson #2)

Follow up lesson to Swimmy the Fish water pollution lesson

**Grade Level**: Kindergarten

**Topic**: Can you undo water pollution?

**Standards**:

RL.K.1 With prompting and support, ask and answer questions about key details in a text.

SL.K.6 (Speaking and Listening) Speak audibly and express thoughts, feelings and ideas clearly.

SL.K.3 Ask and answer questions in order to seek help, get information, or clarify something that is not understood.

SL.K.1 Participate in collaborative conversations with diverse partners about kindergarten topics and texts.

S.S.1 Students will use scientific inquiry to pose questions, seek answers and develop solutions

**Time**: 45 minute period

**Objectives**:

Students will be able to compare clean and dirty water

Students will think about what they can use to get the dirt out of the water

Students will predict if they can get all of the dirt out of the water

Students will predict if the water can be as clean as it was before all the pollutants were added

Students will be able to use their senses in order to further their comprehension about water pollution

**Materials**:

-A basin of polluted water from previous lesson (Swimmy’s Environment)

-tongs

-strainer

-tray for pollutants

**Procedures**:

First we will activate prior knowledge from yesterday’s lesson about water pollution (Swimmy the Fish) and discuss water pollution’s effects on every day life before conducting the experiment.

Students will be given a basin filled with polluted water and will work in partnerships.

They will be given options as to what utensils they can use to “cleanse” the dirty water.

They will place all the pollutants on the tray provided to them.

**Assessment**:

Students will discuss the results of the experiment and compare them to their predictions that were made at the beginning of the lesson.

Students will feel the water and smell the water to answer the question that was posed.

Students will record their answers to the following questions:

* Is the water clean?
* Can Swimmy the Fish live in this water that you cleaned? Why or why not?
* Would you use this water at home? Why or why not?
* Was it hard or easy to clean the polluted water?
* Did you get all the dirt out?
* How can we prevent water from getting so dirty?